EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	145726	"220"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L2	534	L1 and olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L3	198	L2 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L4	163	L3 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L5	27	L4 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L6	139	thermoplastic and chamber and seal and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/10/24 16:40
L7	98	L6 and polyolefin	USPAT	OR	OFF	2011/10/24 16:40
L8	64	L7 and friction	USPAT	OR	OFF	2011/10/24 16:40
L9	55	L8 and ethylene	USPAT	OR	OFF	2011/10/24 16:40
L10	17	L9 and aperture	USPAT	OR	OFF	2011/10/24 16:40
L11	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40

L12	78	("2503147" | "3092278" | "3340671" | "3424329" | "3685248" | "4250611" | "4366912" | "4390111" | "4664275" | "4682703" | "4703781" | "4842028" | "5085332" | "5088612" | "5129212" | "5341854" | "5411065" | "5484566" | "5514339" | "5549141" | "5641004" | "5816772" | "6021824" | "6068150").PN. OR ("6604561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L13	91	("20010041872" | "20020006353" | "20020010995" | "20020018731" | "20020029022" | "20020131902" | "20020172615" | "20030156973" | "2503147" | "2667986" | "3092278" | "3136440" | "3278063" | "3340671" | "3392859" | "3424329" | "3685248" | "3811591" | "4048255" | "4250611" | "4366912" | "4390111" | "4444330" | "4499148" | "4664275" | "4682703" | "4703781" | "4815619" | "4834152" | "4842028" | "4910435" | "5009654" | "5031675" | "5038839" | "5085332" | "5088612" | "5088995" | "5129212" | "5341854" | "5390469" | "5411065" | "5414267" | "5484566" | "5496302" | "5514339" | "5549141" | "5612588" | "5641004" | "5673535" | "5702019" | "5816772" | "5842321" | "5909032" | "5971181" | "6021824" | "6050435" | "6068150" | "6140657" | "6168037" | "6199350" | "6308494" | "6343711" | "6364864" | "6382441" | "6385943" | "6604561" | "RE35203" | "RE37471").PN. OR ("7032631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40

L14	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L15	3000	thermoplastic and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/10/24 16:40
L16	106	L15 and vial	USPAT	OR	OFF	2011/10/24 16:40
L17	67	L16 and needle	USPAT	OR	OFF	2011/10/24 16:40
L18	145726	"220"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L19	534	L18 and olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L20	198	L19 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L21	163	L20 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L22	27	L21 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L23	139	thermoplastic and chamber and seal and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/10/24 16:40
L24	98	L23 and polyolefin	USPAT	OR	OFF	2011/10/24 16:40
L25	64	L24 and friction	USPAT	OR	OFF	2011/10/24 16:40
L26	55	L25 and ethylene	USPAT	OR	OFF	2011/10/24 16:40
L27	17	L26 and aperture	USPAT	OR	OFF	2011/10/24 16:40
L28	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40

L29	78	("2503147" | "3092278" | "3340671" | "3424329" | "3685248" | "4250611" | "4366912" | "4390111" | "4664275" | "4682703" | "4703781" | "4842028" | "5085332" | "5088612" | "5129212" | "5341854" | "5411065" | "5484566" | "5514339" | "5549141" | "5641004" | "5816772" | "6021824" | "6068150").PN. OR ("6604561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
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L31	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L32	3000	thermoplastic and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/10/24 16:40
L33	106	L32 and vial	USPAT	OR	OFF	2011/10/24 16:40
L34	67	L33 and needle	USPAT	OR	OFF	2011/10/24 16:40
L35	67757	"53"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L36	1592	L35 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L37	130	L36 and $4olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L38	41	L37 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L39	42032	"141"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L40	2084	L39 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L41	108	L40 and $4olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L42	104	L41 and method	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L43	53	L42 and elongat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L44	44	L43 and weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40

L45	43	L44 and hermetic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L46	43	L45 and thermoplastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L47	43	L46 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L48	43	L47 and first and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L49	37	L48 and injection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L50	37	L49 and member	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L51	37	L50 and friction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L52	31	L51 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L53	20	L52 and non-coring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/10/24 16:40
L54	4	(("5421469") or ("5314084") or ("3815771") or ("5718348")).PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L55	63	(215/248).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L56	32	L55 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40

L57	11	L56 and pierce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L58	102	("2364126" | "2794437" | "3882909" | "3993063" | "4191225" | "4196732" | "4211588" | "4312349" | "4457749" | "4552277" | "4564054" | "4576211" | "4582207" | "4588403" | "4589879" | "4600040" | "4607671" | "4619651" | "4645073" | "4671331" | "4673404" | "4768568").PN. OR ("4834149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L59	68	("20020161334" | "20030088216" | "20040256026" | "20050178462" | "20050178462" | "20070084524" | "20070156102" | "20080028632" | "20080039773" | "4185628" | "5137511" | "5364369" | "5509433" | "5641004" | "5702019" | "5779668" | "5823373" | "5871110" | "5876372" | "5971181" | "6003702" | "6021824" | "6070623" | "6168037" | "6267154" | "6306423" | "6312708" | "6383509" | "6564471" | "6604561" | "6684916" | "6929040" | "6984395" | "7077176" | "7100646" | "7186241" | "7568509").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L60	1	("5549141").PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40

L61	102	("2364126" | "2794437" | "3882909" | "3993063" | "4191225" | "4196732" | "4211588" | "4312349" | "4457749" | "4552277" | "4564054" | "4576211" | "4582207" | "4588403" | "4589879" | "4600040" | "4607671" | "4619651" | "4645073" | "4671331" | "4673404" | "4768568").PN. OR ("4834149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L62	849	(141/329).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L63	135	L62 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L64	69	L63 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L65	59	L64 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L66	3	(("4576211") or ("2627857")).PN.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L67	333	(604/406).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L68	275	L67 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40

L69	78	L68 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L70	33	L69 and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L71	604	(604/416).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L72	112	L71 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L73	64	L72 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L74	33	L73 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L75	31	L65 and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L76	537	(141/330).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40

L77	95	L76 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L78	22	L77 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L79	20	L78 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L80	69	("2584397" | "3343538" | "3941171" | "4038981" | "4246932" | "4252159" | "4378013" | "4401432" | "4433974" | "4434820" | "4516967" | "4543101" | "4564054" | "4568346" | "4576211" | "4675020" | "4715851" | "4722733" | "4729401" | "4768568" | "4787898" | "4834149" | "4856567" | "4883483" | "4900322" | "4927423" | "4936841" | "5045081" | "5114411" | "5188615" | "5304165" | "5330426" | "5342346" | "5348548" | "5350372" | "5360410" | "5393497" | "5397303" | "5445631" | "5466220" | "5478337" | "5526853" | "5531683" | "5603695" | "5624638" | "5636660" | "5855575" | "5873872" | "5876372" | "5879345" | "5925029" | "5928213" | "5944709" | "5954696" | "6003566" | "6036680" | "6117123" | "6139534" | "6224346" | "6238372" | "6355023" | "6364865" | "6379340" | "6409708" | "6474375").PN. OR ("6948522").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L81	38437	"221"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40

L82	8	L81 and (grocery adj bag)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L83	26	("20020087118" | "20030181863" | "3359977" | "4576211" | "4759756" | "5184652" | "5647409" | "6221041" | "6378576" | "6409708" | "6715520").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L84	271	(141/319).CCLS.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L85	6	L84 and vial and syringe and housing	USPAT	OR	OFF	2011/10/24 16:40
L86	13	("4432755" | "4697622" | "5329976" | "5358501" | "5393497" | "6120490" | "6503240").PN. OR ("7086431").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L87	61	("2609818" | "3040743" | "3506006" | "3563373" | "3892237" | "4303069" | "4732850" | "4779763" | "4861335" | "4958622" | "5067948").PN. OR ("5393497").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L88	515	(141/330).CCLS.	USPAT; USOCR	OR	OFF	2011/10/24 16:40
L89	14	L88 and vial and syringe and housing	USPAT	OR	OFF	2011/10/24 16:40
L90	1	("20070079894").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/24 16:40
L91	908	adsorbent adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L92	24	L91 and vial and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L93	106655	"604"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40

L94	698	L93 and adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L95	354	L94 and (membrane filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L96	86	L95 and charcoal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L97	12	L96 and cloth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L98	32	L93 and (adsorbent near5 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40
L99	1	L98 and vial and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/10/24 16:40

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